



Safety Data Sheet

in accordance with Community direction 91/155

Date of printing: 13/04/10

Date of updating: 12/01/01

1 Identification of the product and the company

- **Product informations**
- **Trading name:** POLISHING POWDER
- **Product number:**
- **Manufacturer/Supplier:**
 Abrasivi Adria S.r.l.
 Via dell'Industria, 63
 I-37010 S.Ambrogio di V.lla
 VERONA

Ph.: ++39 45 6861311/6860324

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2 Composition/information on ingredients

- **Chemical characterization:**

CAS Number	Component	
144-62-7	Oxalic Acid	< 90%

3 Hazards identification

- **Hazards classification:**



Xn Harmful

- **Specific hazard indications for man and environment**

R 21/22 Harmful in contact with skin and if swallowed.

4 First aid measures

- **General informations**
Change soaked clothing. Clean body thoroughly (bath, shower).
- **Inhalation**
Ensure supply of fresh air. In the event of symptoms take medical treatment.
- **Contact with skin**
Wash off immediately with plenty of water.
- **Contact with eyes**
Rinse thoroughly with plenty of water and seek medical advice.
- **Ingestion**
Do not induce vomiting even if patient is conscious. Seek medical advice.

5 Fire-fighting measures

- **Suitable extinguishing media:**
Water spray jet, foam, dry powder.
- **Special Hazards:**
In the event of fire, Carbon monoxide (CO) can be released.
- **Special equipment:**
Use breathing apparatus for fire-fighting.



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- **Further informations:**
Fire-fighting water must not be discharged into drains.
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6 Accidental release measures

- **Personal precautions:**
Use protective clothing. Breathing apparatus must be used if exposed to aerosol/vapours/dust.
 - **Environmental precautions:**
Do not discharge into surface waters/grounwater.
 - **Methods for cleaning up:**
Clean ground and object in accordance with the environmental regulation. Avoid raising dust.
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7 Handling and storage

- **Handling:**
Avoid formation and deposition of dust. If dust is formed provide exhaust ventilation. Dust mixed with air could explode. The product is not combustible.
 - **Storage:**
Floor must be acid-resistant. Store in well ventilated space. Keep only in original container. Do not storage together with oxidizing agents. Keep container tightly closed. Open and handle with care. Store in a dry place.
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8 Exposure controls/ personal protection

- **Hygiene measures**
Do not eat or drink during work time. Do not store foodstuffs in the work place. Store work clothes in a special place. Hands and skin must be cleaned thoroughly after work.
 - **Respiratory protection:** In case of high concentrations use breathing apparatus.
 - **Hand protection:** Use protective gloves.
 - **Eye protection:** Use safety glasses.
 - **Body protection:** light protective clothes.
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9 Physical and chemical properties

- **Appearence form:** Crystalline
 - **Colour:** colourless
 - **Odour:** odourless
 - **Melting point:** 101°C
 - **Density:** 1,65 g/cm³ at 20°C
 - **Bulk density:** 750 kg/m³ at 20°C
 - **Solubility in water:** 117 g/l at 20°C
 - **pH:** 1 (at 20°C per 50 g/l of H₂O)
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10 Stability and reactivity

- **Hazardous reactions:**
Reactions with oxidizing agents.



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Violent reactions with NHx-OH and SH groups.

- **Hazardous decomposition products:**
Formique acid/carbon monoxide/carbon dioxide..

11 Toxicological informations

- **Acute oral toxicity (LD₅₀):** 375 mg/kg in the rats.
- **Acute dermal toxicity (LD₅₀):** 20.000 mg/kg in the rats.
- **Remarks:**
Irritable and corrosive for skin and eyes. Kidney damage can be possible. Sensation of dolour can be delayed.

12 Ecological informations

- **Physico-chemical eliminability:** it can be eliminated from water by precipitation or flocculation.
- **Method:** Lime precipitation. The product can be degraded by abiotic, e.g. chemical orphotolytic processes.
- **Behaviour in environmental compartments:** because of its consistency the product cannot bwe dispersed in the environment. Adverse ecological effects are therefore unlikely on the basis of current knowledge.
- **Ecotoxic effects**
- **Fish toxicity (LD₅₀):** 325 mg/l
- **BOD5:** 100 mg/g

13 Disposal considerations

- **Product:** after pre-treatment, and in accordance with regulations for special waste, product must be taken to an authorized special waste incineretion plant for recycling.

14 Transport informations

- **ADR/GGVS/RID/GGVE:** No classified
- **IMDG/GGVSee-code:** No classified
- **ICAO/IATA-DGR:** No classified
- Send by mail authorized.

15 Regulatory informations

- **Hazard symbols:** Xn Harmful.
- **Nature of the specific hazards (R Phrases)**
 - R 21/22 Harmful in contact with skin and if swallowed.
- **Caution advices (S Phrases)**
 - S 2 Keep out of reach of children.
 - S 24/25 Avoid contact with skin and eyes.



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16 Other informations

These informations are based on present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application. They don't justify any juridical contractual term.